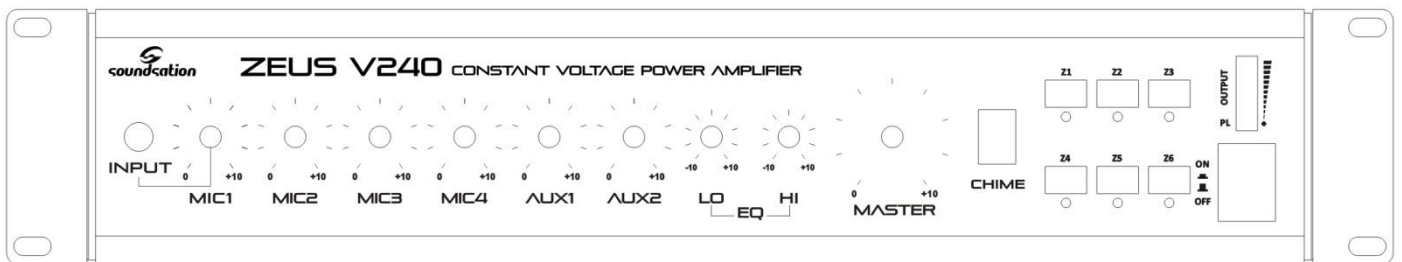


ZEUS V240

CONSTANT VOLTAGE POWER AMPLIFIER



USER MANUAL

REV. 1.01





Dear customer,

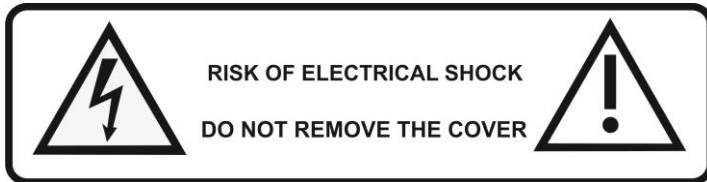
first of all thanks for purchasing a **SOUNDSATION®** product. Our mission is to satisfy all the possible needs of musical instrument and professional audio users offering a wide range of products using the latest technologies for a reasonable price.

We hope you will be satisfied with this item and, if you want to collaborate, we are looking for a **feedback** from you about the operation of the product and for possible improvements to introduce in the next future. Go to our website www.soundsationmusic.com and send an e-mail with your opinion, this will help us to build instruments ever closer to customer's real requirements.

One last thing: read this manual before using the instrument, an incorrect operation can cause damages to you and to the unit. Take care!

The SOUNDSATION Team

SAFETY INSTRUCTION



No user-serviceable parts inside!

CAUTION

TO PREVENT THE RISK OF FIRE OR ELECTRIC SHOCK,
DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.

TO PREVENT POSSIBLE DAMAGES READ THE FOLLOWING LIST OF ACTIONS:

Read these instructions.

Keep these instructions.

Heed all warnings.

Follow all instructions.

Do not use this apparatus near water.

Do not place the instrument in wet or dirty environments.

Do not remove the protective coverings.

Do not cover any of the instrument's ventilation holes.

Air must circulate freely around the instrument.

Do not set the instrument on a surface with excessive vibration.

Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or third prong are provided for your safety. If the provided plug does not fit your outlet, consult an electrician for replacement of the obsolete

Do not expose the instrument to electro-magnetic interference.

Do not expose the instrument to heat, cold, wet or dust.

Do not leave the instrument in direct sunlight.

Do not expose the instrument to electrostatic forces.

Do not place items with flames, such as candles or lighters, on the instrument.

Do not place the instrument on anything containing water or other fluids.

Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



**Use Caution when you move
the unit with his stand/tripod!**

Some products can feature a dual or multiple voltage transformers. If your country standards doesn't match with the one pre-setted on your unit please contact our authorized dealer/technical assistance for conversion.



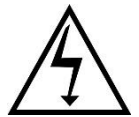
You need assistance from qualified technician in the following cases:

- If the power cord is damaged (i.e., cut or a bare wire is exposed), ask your dealer for a replacement. Using the unit with a damaged power cord is a fire and electrical shock hazard.
 - Should this unit be dropped or the cabinet be damaged, turn the power switch off, remove the power plug from the AC outlet, and contact your dealer. If you continue using the unit without heeding this instruction, fire or electrical shock may result.
 - If you notice any abnormality, such as smoke, odor, or noise,
 - a foreign object or liquid gets inside the unit, turn it off immediately.
- Remove the power cord from the AC outlet. Consult your dealer for repair. Using the unit in this condition is a fire and electrical shock hazard.

UK IMPORTANT NOTICE

WARNING: THIS APPARATUS MUST BE EARTHED IMPORTANT. The wires in this mains lead are colored in accordance with the following code:

GREEN-AND-YELLOW : EARTH
BLUE : NEUTRAL
BROWN : LIVE

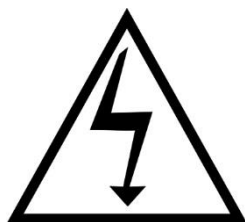


As the colors of the wires in the mains lead of this apparatus may not correspond with the colored markings identifying the terminals in your plug proceed as follows:

The wire which is colored GREEN-and-YELLOW must be connected to the terminal in the plug which is marked by the letter E or by the safety earth symbol or colored GREEN or GREEN-and-YELLOW. The wire which is colored BLUE must be connected to the terminal which is marked with the letter N or colored BLACK. The wire which is colored BROWN must be connected to the terminal which is marked with the letter L or colored RED.



Unplug this apparatus during lightning storms or when unused for long periods of time.

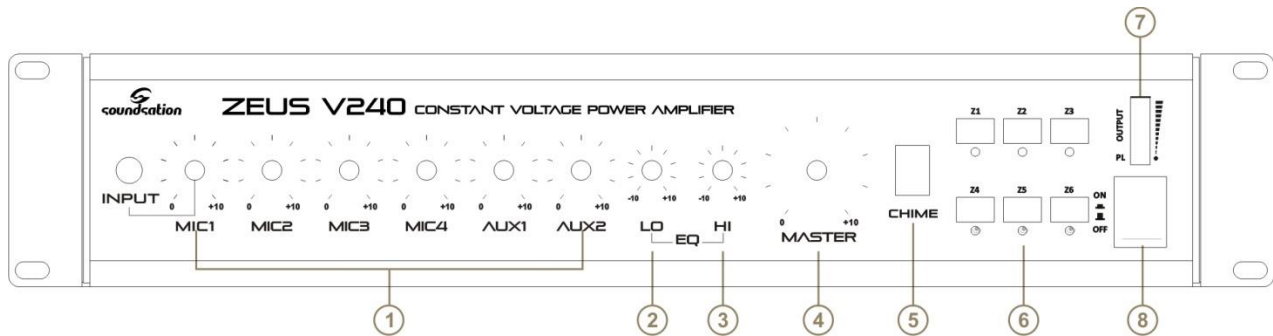


The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

FRONT PANEL



1. VOLUME CONTROL

These knobs control the signal level of input 1-4 and AUX input. Turn the knobs clockwise to boost volume, and turn the knobs counterclockwise to attenuate volume.

2. LO CONTROL

This knob is used to adjust bass. Turn the knob clockwise to boost and counterclockwise attenuate bass. Normally it is set in 12 o'clock position.

3. HI CONTROL

This knob is used to adjust treble. Turn the knob clockwise to boost and counterclockwise attenuate treble. Normally it is set in 12 o'clock position.

4. MASTER VOLUME CONTROL

This knob is used to adjust master volume. Turn the knob clockwise to boost and counterclockwise attenuate master volume.

5. CHIME SWITCH

Turn on the switch, and CHIME starts, and also, it stops other signal inputs (MIC1 excluded).

6. ZONE BROADCAST SWITCH

There are six zone switches in all, each switch for one zone. When one switch is turned on, the zone output is turned on and LED of the corresponding zone lights up. User can select one zone from the six for broadcast.

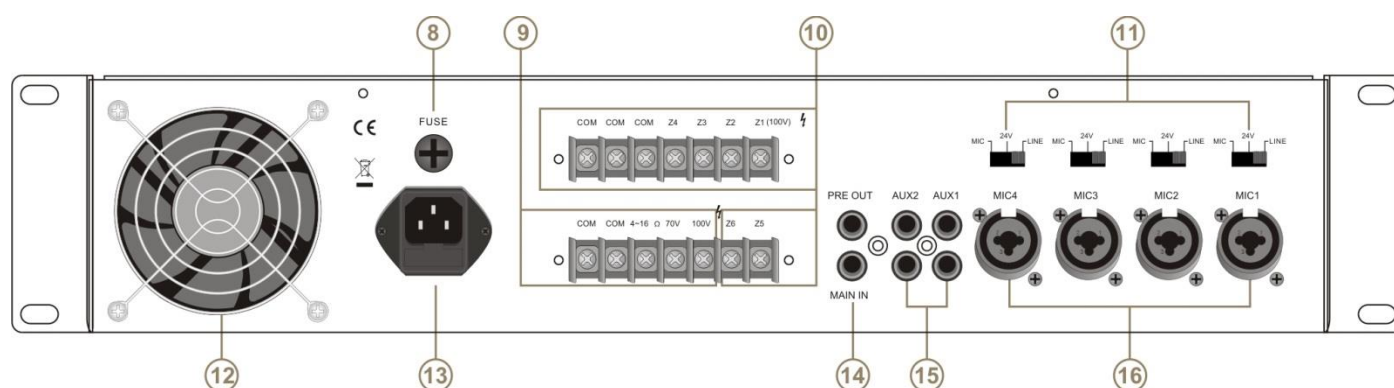
7. OUTPUT LEVEL METER

This meter indicates the output level. When the red LED on the top lights up, unit has full output.

8. POWER SWITCH:

it switch on/off the unit.

BACK PANEL



8. FUSE HOLDER

There is a fuse in the holder. If the fuse blows up, please replace it with the same type one.

9. OUTPUT TERMINAL TO SPEAKER

These terminals provides 4Ω, 70V & 100V output for various speaker wiring.

10. ZONE BROADCAST OUTPUT TERMINALS

These terminals output signal from zones to speaker.

11. INPUT SENSIVITY SWITCH

It switches the sensitivity of input 1-4. When it is set to MIC, it is suitable for dynamic microphone. When it is set to 24V, it is suitable for 24V condenser mics. When it is set to LINE, it is suitable for other signal source.

12. FAN

This is a variable speed fan. When the temperature is higher than 45℃, the fan runs more quickly.

13. AC INPUT SOCKET

This is a AC input socket with a fuse. It is used to connect the unit with AC power supply. Please make sure that the power supply voltage should be the same as that marked on the rear panel of the unit.

14. PRE-OUTPUT AND REAR-INPUT

These are pre-signal output port and rear signal input port. Normally they are connected together. If they have to be connected with the pre-signal or rear signal of other apparatus, please take out the jumper for connection.

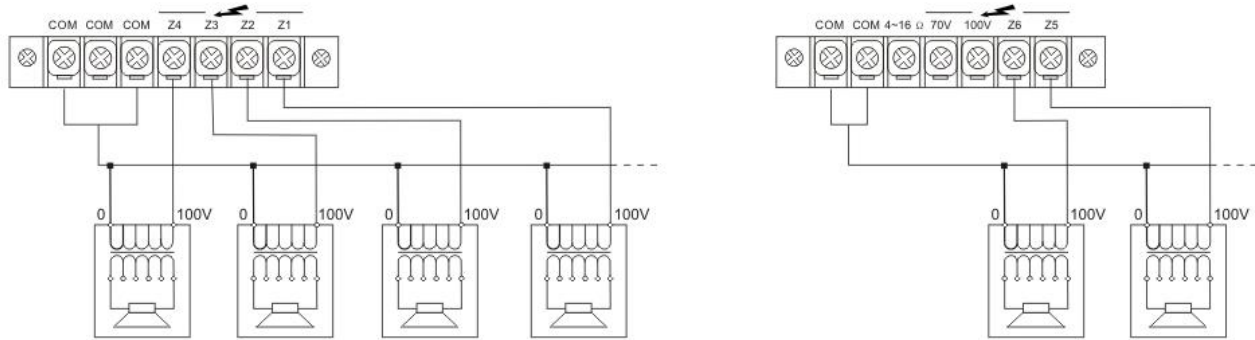
15. AUX INPUT

This is stereo input RCA socket and can be connected with the audio equipment, e.g. CD player, turntable or cassette, etc.

16. COMBO CONNECTOR OF INPUT 1-4

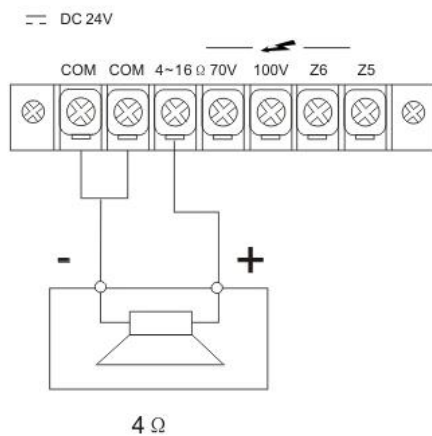
6.3 balanced/XLR balanced jack/balanced MIC jack can be used to connect with dynamic or condenser microphone & other audio output device.

SPEAKER CONFIGURATION

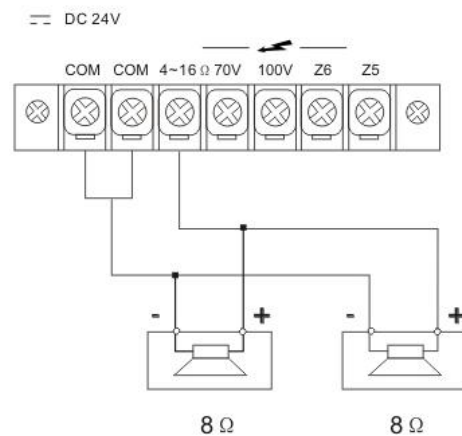


100V speaker connection of zone broadcast

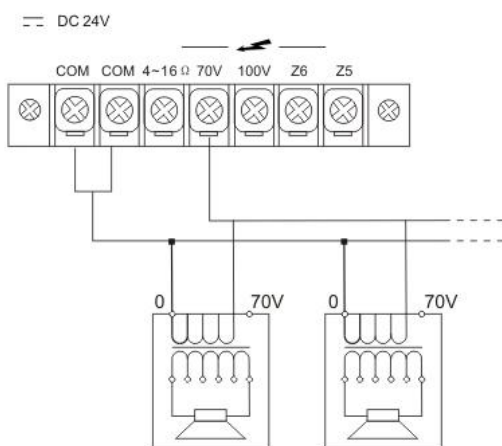
Note: the max load of each zone is 100W.



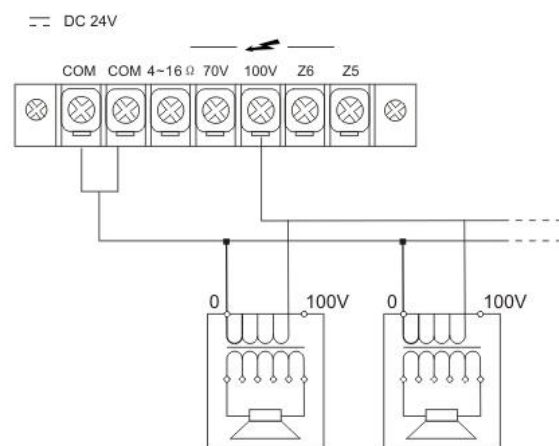
4Ω speaker connection



Connection of total impedance 4Ω



70V connection with a transformer



100V connection with a transformer

TECHNICAL SPECIFICATIONS

Power supply	AC:110-120V 60Hz/220-240V 50Hz
Frequency response	100Hz-17KHz
Input sensitivity	MIC/LINE (1-4): -50dB \pm 2dB/ -4dB \pm 1dB (MIC&XLR) AUX(1-2): -20dB \pm 2dB
S/N ratio	MIC(1-4): >65dB AUX(1-2): >70dB
THD	<1% (rated power output)
Control	Bass: 100Hz \pm 10dB, Treble: 10KHz \pm 10dB
Protection	DC/over temperature/over load protection
Mute	MIC1 and chime take the priority
Phantom power	24V phantom power (set the input sensitivity switch to MIDDLE)
Play function	CD
Output power	240W
Power consumption	400W
Output	4 Ω /70V/100V+6 zones
Noise	<50mV
Dimension	430 \times 380 \times 88,8
Weight	13.5kg

WARRANTY & SERVICE

All SOUNDSATION products feature a limited **two-year** warranty. This two-year warranty is specific to the date of purchase as shown on your purchase receipt.

The following cases/components are not covered from the above warranty :

- Any accessories supplied with the product
- Improper use
- Fault due to wear and tear
- Any modification of the product effected by the user or a third party

SOUNDSATION shall satisfy the warranty obligations by remedying any material or manufacturing faults free of charge at SOUNDSATION's discretion either by repair or by exchanging individual parts or the entire appliance. Any defective parts removed from a product during the course of a warranty claim shall become the property of SOUNDSATION.

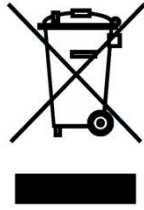
While under warranty period, defective products may be returned to your local SOUNDSATION dealer together with original proof of purchase. To avoid any damages in transit, please use the original packaging if available. Alternatively you can send the product to SOUNDSATION SERVICE CENTER – Via Enzo Ferrari , 10 – 62017 Porto Recanati – Italy

In order to send a product to service center you need an RMA number. Shipping charges have to be covered by the owner of the product.

For further information please visit www.soundsationmusic.com

WARNING

PLEASE READ CAREFULLY – EU and EEA (Norway, Iceland and Liechtenstein) only



This symbol indicates that this product is not to be disposed of with your household waste, according to the WEEE Directive (2202/96/EC) and your national law.

This product should be handed over to a designated collection point, e.g., on an authorized one-for-one basis when you buy a new similar product or to an authorized collection site for recycling waste electrical and electronic equipment (WEEE) .

Improper handling of this type of waste could have a possible negative impact on the environment and human health due to potentially hazardous substances that are generally associated with EEE. At the same time , your cooperation in the correct disposal of this product will contribute to the effective usage of natural resources.

For more information about where you can drop off your waste equipment for recycling , please contact your local city office , waste authority , approved WEEE scheme or your household waste disposal service.

Contents and images shown on this manual can be changed without any notice. Please visit our website www.soundsationmusic.com to check latest version.

DESIGNED IN ITALY BY SOUNDSATION®

ZEUS V240 USER MANUAL REV. 1.01



MADE IN CHINA

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